### **Product sheet**

## Miniature connector



Product

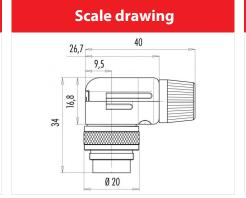
Contacts: 14, Male angled connector, cable outlet 6 - 8 mm, metal model, shieldable

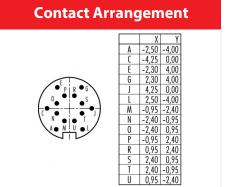
Area Article number M16 IP40 Series 682 99 0161 12 14

Pole

14

# Illustration





# You can find the item description on the next page.

# **Technical data**

### **Common values**

Connector Design Connector locking system Termination Wire gauge (mm) Wire gauge (AWG) Cable outlet Upper temperature Lower temperature Male angled connector screw Solder 0.25 mm<sup>2</sup> 24 6 - 7.8 mm 85 °C -40 °C

### **Electrical values**

Rated voltage 60 V Rated impulse voltage 500 V Pollution degree Overvoltage category Material group Ш Rated current (40°C) 3 A Volume resistivity  $\leq 3 \text{ m}\Omega$ EMV compliance shielded Degree of protection IP40 Mechanical operation > 500 mating cycles

> CuZn (Brass) Au (Gold)

PBT (UL 94 V-0)

PA (UL 94 HB)

### Material

Material of contact Contact plating Material of contact body Material of housing

Contacts: 14, Male angled connector, cable outlet 6 - 8 mm, metal model, shieldable, gold plated contacts

### **Product sheet**

Pole

# Miniature connector



Product Contacts: 14, Male angled connector, cable

outlet 6 - 8 mm, metal model, shieldable

**e** Article number

Area

M16 IP40 Series 682 99 0161 12 14

Item description Abdeckung Distanzhülse distance shell distance shell Steckereinsatz male insert Buchseneinsatz female insert Verdrehhülse Verdrehhülse torsional sleeve torsional sleeve Schelle Druckschraube pressing screw pressing screw Gehäuse Gehäuse housing Gewindering Gewindering locking ring locking ring Zylinderschraube fillister head screw Zylinderschraube fillister head screw